

Diagrama de classes Projeccte Ed
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MusicID
- _dic_uuid : dict[uuid,path]
+ generate_uuid(file: str) -> str + get_uuid(file: str) -> str + remove_uuid(uuid: str) + dic_uuid() : -> Dict[uuid,path] + __len__() : -> int + __str__()

Music Files
- _Llista : list(str) - _copia : list(str)
+ reload_fs(path: str) + files_added() -> list (str) + files_removed() -> list(str) + Llista() -> liat(str) + __str__()

Music Player
- _data : str(instancia altre clase)
+ print_song(uuid: str) : -> str + play_file(file: str, mode : int) + play_song(uuid: str, mode: int) : -> None + __str__

MusicData
- _MusicDict : Dict[UUID, Dict[str,str]]
+ add_song(uuid: str, file: str) + remove_song(uuid: str) + load_metadata(uuid: str) + get_title(uuid: str) -> str + get_artist(uuid: str) -> str + get_album(uuid: str) -> str + get_genre(uuid: str) -> str + get_overall(uuid,type) -> str + get_filename(uuid) : -> str + __len__() : -> int + __str__()

PlayList
- _Playlist=[] : list(str) - _Files_UUID : str (instancia clase MusicID) - _Audi_Player : str (Instancia classe MusicPlayer)
+ load_file(file: str) + play(mode : int) + add_song_at_end(uuid: str) + remove_first_song() + remove_last_song() + __len__() : -> int + __str__()

SearchMetaData
- _data : str(instancia altre clase)
+ title(sub: str) -> list + artist(sub: str) -> list + album(sub: str) -> list + genre(sub: str) -> list + and_operator(list1: list, list2: list) -> list + or_operator(list1: list, list2: list) -> list